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PTO.SB.05 16-95 through 9/30/98, OMB 0651-0032 DEPARTMENT OF COMMERCE

Rev. 6/95

Department of Commerce Patent and Trademark Office

**NEW UTILITY PATENT** APPLICATION TRANSMITTAL

(to be used for new applications only)

ttorney Docket Number	
<del></del>	
ret Named Inventor	-W/11

Total Pages in this Submission

## APPLICATION ELEMENTS

Notice: Checklist items mentioned under Application Elemente section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed

ACCOMPANYING APPLICATION PARTS

explanation regarding completeness of an onginal patent application.	833.8
Fee Transmittal Form (prescribed filing fee(s))	6. Assignment Papers
Specification     Title of the Invention	7. Certified Copy of Priority Document(s) (if foreign priority is claimed)
Cross References to Related Applications (if applicable)	8. Computer Program in Microfiche
Statement Regarding Federally-sponsored Research/Development (if applicable)	9. English Translation Document (if applicable)
Reference to Microfiche Appendix (if applicable)	10. Information Disclosure Copies of IDS Statement/PTO-1449 Citations
Background of the Invention .	11. Petition Checklist and Accompanying Petition
Brief Summary of the Invention	12. Preliminary Amendment
Brief Description of the Drawings (if drawings filed)	13. Proprietary Information
Detailed Description	14. Return Receipt Postcard
Claim or Claims	15. Small Entity Statement
Abstract of the Disclosure	16. Additional Enclosures (please identity below):
3. Drawing(s) (when necessary as prescribed by 35 USC 113)	
4. Executed Declaration	
5. Genetic Sequence Submission	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT
(if applicable, all must be included)	Firm JACK V. Smith
Paper Copy	Individual name
Computer Readable Copy	Signature ###
Statement verifying itemocal Paper and Computer Readable Copy	Date / 3/26/99

FOR	OFFICIAL USE ONLY	
	Class	Independent Claims
Application Type	GAU	Total Claims
Filing Date	Foreign Filing License?	Drawing Sheets
Small Entity	Foreign Address?	Special Handling?
	Application Type Filing Date	Application Type GAU  Filling Date Foreign Filling License?

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/ 10 (6-95)
Approved for use through 07/31/96. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR.1.9(f) & 1.27(c))--SMALL BUSINESS CONCERN

Docket Number (Optional)

Applicant or Patentee: JACK V. Smith
Application or Patent No.:
Filed or Issued:
Title: Method for Many Facturing and Detecting and Normalizing HIV
FOR RADIC ANALYSIS.  I hereby declare that I am  The owner of the small business concern identified below:
an official of the small business concern empowered to act on behalf of the concern identified below:
an official of the small obstitess concern empowered to act on behalf of the concern identified below:
NAME OF SMALL BUSINESS CONCERN NEW Venture ASSOCIATES, LLC
ADDRESS OF SMALL BUSINESS CONCERN P.O. Box 5895
Acharille av 28013
I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.
I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:
the specification filed herewith with title as listed above. the application identified above. the patent identified above.
If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements avering to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).
Each person, concern or organization having any rights in the invention is listed below:  To such person, concern, or organization exists.
each such person, concern or organization is listed below.
Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.
NAME OF PERSON SIGNING TACK V. Smith
TITLE OF PERSON IF OTHER THAN OWNER
ADDRESS OF PERSON SIGNING A. P. D. BOX 5895. Asheville, NC 28813
2/21/20
SIGNATURE DATE 3/26/99

Approve
Patent and Trademark

Approve use

use through 9/30/98 OMB 0651-0032 U.S. DEPARTMENT OF COMMERCE

0002/PTO Rev. 10/95 U.S. Department of Commerce Patent and Trademark Office

## FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known		
Application Number		
Filing Date		
First Named Inventor	JACK V. Smith	
Group Art Unit		
Examiner Name		
Attorney Docket Number		

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES Large Entity Small Entity			
Deposit Account	Fee Fee Fee -	ee Paid		
Number	105 130 205 65 Surcharge - late filing fee or oath			
Account Name	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.			
Charge Any Additional Fee Required Under 37  CFR 1 18 at the Making of the	139 130 139 130 Non-English specification			
CFR 1 16 and 1 17 Notce of Allowance, 37 CFR 1 311(b)	147 2,390 147 2,390 For filing a request for reexamination			
2. Payment Enclosed:	112 870' 112 870' Requesting publication of SIR prior to Examiner action			
Check Money Other	113 1,740 113 1,740 Requesting publication of SIR after Examiner action			
FEE CALCULATION (fees effective 10/01/95)	115 110 215 55 Extension for response within first month			
1. FILING FEE	116 380 216 190 Extension for response within second month			
	117 900 217 450 Extension for response within third month			
Large Entity Small Entity  Feo Fee Fee Fee Description Fee Paid	118 1,400 218 700 Extension for response within fourth month			
Code (\$) Code (\$)	119 290 219 145 Notice of Appeal			
101 750 201 375 Utility filing fee <u>SYO</u>	120 290 220 145 Filing a brief in support of an appeal			
106 310 206 155 Design filing fee	121 250 221 125 Request for oral hearing			
107 510 207 255 Plant filing fee	138 1,430 138 1,430 Petition to institute a public use proceeding			
108 750 208 375 Reissue filing fee 114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive unavoidably abandoned application			
SUBTOTAL (1) (\$) 380	141 1,250 241 625 Petition to revive unintentionally abandoned application			
2 CLAUSE Fee from	142 1,250 242 625 Utility issue fee (or reissue)			
2. CLAIMS Extra below Fee Paid	143 430 243 215 Design issue fee			
Total Claims / 0 -20 =	144 630 244 315 Plant issue fee			
Independent / -3 = O X O = O	122 130 122 130 Petitions to the Commissioner			
Multiple Dependent Claims X =	123 50 123 50 Petitions related to provisional applications			
	126 220 126 220 Submission of Information Disclosure Stmt			
Large Entity Small Entity  Fee Fee Fee Fee Fee Description  Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)			
103 22 203 11 Claims in excess of 20	146 750 246 375 Filing a submission after final rejection			
102 78 202 39 Independent claims in excess of 3	(37 CFR 1.129(a))			
104 250 204 125 Multiple dependent claim	149 750 249 375 For each additional invention to be	!		
109 78 209 39 Reissue independent claims over original patent	examined (37 CFR 1.129(b))	<del></del>		
110 22 210 11 Reissue claims in excess of 20 and over original patent	Other fee (specify)			
SUBTOTAL (2) (\$)	SUBTOTAL (3) (\$) C	2		

SUBMITTED B	Υ			Complete (i	( applicable)
Typed or Printed Name	JACK V. Smith			Reg. Number	
Signature		Date	3/26/99	Deposit Account User ID	

## **CERTIFICATE OF DEPOSIT**

I hereby certify that this correspondence is being deposited with the United Parcel Service for delivery to:

Hon. Commissioner of Patents and Trademarks Washington, D.C. 20231

on: 3/26/99

Date

(Name of person making deposit)

Signature